

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	764	(600/564).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/14 10:24
S2	12	("4549554" "5655541" "5060658" "5415182" "6083150" "3595231"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 10:29
S3	32	("1496126"   "2551902"   "2670673").PN. OR ("3595231").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:31
S4	48	("3086530"   "3512518"   "4476864"   "4620547"   "4907599"   "4958625"   "4976269"   "5012818"   "5195533").PN. OR ("5415182").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:33
S5	35	("20010005778"   "20030135237"   "20040073139"   "20040210160"   "20040236211"   "20050267416"   "20060079829"   "2850007"   "4230123"   "4270537"   "4763667"   "5320110"   "5487392"   "5492130"   "5718237"   "5817033"   "5891052"   "5891105"   "5947978"   "6022324"   "6027514"   "6036657"   "6039747"   "6086607"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:36

		"6106484"   "6213957"   "6355033"   "6379328"   "6434507"   "6520955"   "6575965"   "6702760"   "6730042"   "6911021").PN. OR ("7169114").URPN.				
S6	264	(600/566).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/14 10:48
S7	808	(600/567).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/14 11:03
S8	3234	(vent or exhaust or (air adj inlet)) same syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 11:17
S9	352	thin same needle same biopsy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 11:17
S10	1	S9 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 11:17
S11	22	("3957052"   "4549554"   "4844087").PN. OR ("4967762").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:19
S12	118	(vent or exhaust or (air adj inlet)) same syringe and biopsy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 11:20
S13	14	("1520795"   "3727602"   "3938505"   "4405308"   "4549554"   "4552155"   "4619272"   "5246011").PN. OR ("5651372").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:24

S15	1052	biopsy same syringe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/14 11:32
S17	597	biopsy with syringe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/14 11:32
S18	16	"567498"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/14 11:55
S19	5	"567498".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/14 11:55
S20	121	(vent or exhaust or (air adj inlet) or overflow) same syringe and biopsy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 12:07
S21	342	(vent or exhaust or (air adj inlet) or overflow) same syringe same channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 12:09
S22	40	("2549417"   "2591046"   "4202314"   "4214584"   "4226236"   "4312343"   "4413991"   "4529403"   "4583974"   "4613326"   "4792329"   "4874381"   "4898580"   "4968299"   "4978339"   "4983164"   "4994043"   "5041088"   "5080649"   "5267963"   "5273544"   "5395326"   "5423752").PN. OR ("5971953").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 12:19
S23	1077	(syringe or cylinder) same wall same air same (vent or overflow) same channel	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 12:26

S24	60	(syringe) same wall same air same (vent or overflow) same channel	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 12:26
S25	74	syringe same (piston or plunger) same air same bypass	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 12:30
S26	28	("3464412").URPN.	USPAT	OR	ON	2008/01/14 12:50
S27	572	syringe same wall same air same (vent or bypass or exhaust or inlet)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 12:54
S28	52	syringe same overflow same channel	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:34
S29	40	("2549417"   "2591046"   "4202314"   "4214584"   "4226236"   "4312343"   "4413991"   "4529403"   "4583974"   "4613326"   "4792329"   "4874381"   "4898580"   "4968299"   "4978339"   "4983164"   "4994043"   "5041088"   "5080649"   "5267963"   "5273544"   "5395326"   "5423752").PN. OR ("5971953").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:39
S30	407	air same pass same (piston or plunger) same syringe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/14 13:55
S31	20	syringe same volume same indicat\$3 same tactile	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/14 14:24

S32	25	("2549417"   "2591046"   "2720880"   "3934586"   "4137917"   "4430079"   "4469482"   "4976704"   "4995869"   "5000735"   "5045063"   "5259732"   "5295966"   "5389070"   "5480064"   "5531703"   "5540660"   "6171285"   "6287282"   "6368305"   "6379328"   "6419656").PN. OR ("6972006").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:27
S33	5612	injection and syringe and (multiple or plural \$3) same needle	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:33
S34	3704	injection same syringe and (multiple or plural \$3) same needle	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:33
S35	2840	injection with syringe and (multiple or plural \$3) same needle	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:33
S36	1647	injection with syringe and (multiple or plural \$3) with needle	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:33
S37	198	injection with syringe and (multiple or plural \$3) with needle and different same needle same length	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 14:34
S38	32	("1211304"   "2168686"   "2670673"   "2786468"   "2880723"   "3016897").PN. OR ("3552394").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:36
S39	7	("2551902").URPN.	USPAT	OR	ON	2008/01/14 14:42

S40	48	("3086530"   "3512518"   "4476864"   "4620547"   "4907599"   "4958625"   "4976269"   "5012818"   "5195533").PN. OR ("5415182").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:46
S41	7	("3880162"   "3881360"   "5306251"   "5437641"   "5607407"   "5961495").PN. OR ("6482187").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:52
S42	2666	needle same depth same (stop of limit)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:57
S43	667	S42 and syringe	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:57
S44	27	"5060658"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 15:05
S45	23	injection with syringe and (multiple or plural \$3) with needle same filter	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 15:06
S46	0	different same lenght same biopsy same needle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/14 16:29
S47	0	multiple same lenght same biopsy same needle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/14 16:29
S48	73	different same length same biopsy same needle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/14 16:29
S49	39	multiple same length same biopsy same needle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/14 16:30
S50	135	var\$3 same length same needle and biopsy same needle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/14 16:33
S51	4459	needle same (space\$2 or stop) same depth	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 07:59
S52	4459	needles same (space \$2 or stop) same depth	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 07:59

S53	1648	needle same (space\$2 or stop) same depth same (limit or control)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 08:00
S54	348	needle same (space\$2 or stop) same depth same (limit or control) and syringe	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 08:00
S55	10	inject same needle same stop same spacer	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 08:04
S56	720	needle same stop same spacer	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 08:10
S57	45	needle same stop same spacer and syringe	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 08:10
S58	7	("3880162"   "3881360"   "5306251"   "5437641"   "5607407"   "5961495").PN. OR ("6482187").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 08:11
S59	110	sleeve same limit same needle same penetration	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 08:19
S60	6	spacer same needle same limit same (depth or penetration) same (body or skin or tissue or patient)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/15 08:43
S61	567	needle same limit same (depth or penetration) same (body or skin or tissue or patient)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/15 08:44
S62	65	("2536001"   "3605742"   "4270537"   "4373526"   "4613328"   "4646735"   "4725265"   "4725267"   "4772272"   "4775369"   "4795432"   "4801295"   "4820275"   "4846809"   "4863436"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 09:07

		"4894055" "4915697" "4919134" "4921490" "4932940" "4946446" "4998922" "5015240" "5066288" "5092376" "5092843" "5092851" "5102393" "5122123" "5141496" "5147375" "5219338" "5241969" "5250031" "5261894" "5267974" "5269765" "5279582" "5295963" "5295972" "5318547" "5364362" "5364370" "5389085" "5486164" "5487733" "5512050" "5562626" "5795336" "5976111").PN. OR ("6290683").URPN.				
S63	119	(US-20040249278-\$ or US-20050267416-\$ or US-20040236211-\$ or US-20030135237-\$ or US-20070239064-\$ or US-20050101879-\$ or US-20050222599-\$ or US-20030073929-\$ or US-20030050573-\$ or US-20040254538-\$ or US-20030009194-\$ or US-20020016572-\$ or US-20020177238-\$ or US-20040054332-\$ or US-20030050627-\$). did. or (US-5655541-\$ or US-5415182-\$ or US-3595231-\$ or US-	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 09:26



7115108-\$ or US-  
6716190-\$ or US-  
5290258-\$ or US-  
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		4898580-\$ or US- 4874381-\$ or US- 3766917-\$ or US- 6419656-\$ or US- 5935101-\$ or US- 5865799-\$ or US- 5665068-\$ or US- 5586975-\$ or US- 5080649-\$ or US- 4340067-\$ or US- 3705582-\$ or US- 3566859-\$ or US- 6569124-\$ or US- 5569236-\$ or US- 4572210-\$ or US- 6440101-\$ or US- 6972006-\$ or US- 5531703-\$ or US- 3934586-\$ or US- 7303547-\$ or US- 3552394-\$ or US- 2880723-\$ or US- 6689103-\$).did. or (US- 7245963-\$ or US- 6763264-\$ or US- 6482187-\$ or US- 5060658-\$ or US- 4820276-\$ or US- 3757780-\$ or US- 6290683-\$ or US- 5578014-\$ or US- 5554128-\$ or US- 6843781-\$ or US- 6793633-\$ or US- 6776776-\$ or US- 6689118-\$ or US- 6702784-\$ or US- 6569143-\$ or US- 6494865-\$).did. or (US- 3543967-\$ or US- 3464412-\$ or US- 3115875-\$ or US- 3344731-\$ or US- 3086530-\$ or US- 3080809-\$).did. or (US- 5415182-\$ or US- 4967762-\$).did.				
S64	14	S63 and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/15 09:27

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